

Midewin National Tallgrass Prairie Frog Survey Data Sheet

Please use this form to record the calling index for each frog species. This form can be used for multiple visits.

See reverse side for code and index value definitions. **No check marks please!**

Species Call Index Value

Date	Beginning Time	Air Temp	Water Temp	Beaufort Code	Sky Code	Noise Index	American Toad	Bullfrog	Chorus Frog	Cricket Frog	Gray Treefrog	Green Frog	Northern Leopard Frog	Plains Leopard Frog

Monitors: _____

Notes: _____

Please enter data and hours online via Volgistics.

Report total hours at all your sites per night.



Monitors must enter their monitoring data within 48 hours of each survey, as well as enter their hours through Volgistics.

When you arrive at your location, take the air temperature by placing your thermometer on the ground for 2-3 minutes. Take the water temperature by placing your thermometer in the water for 2-3 minutes. *Note if your area has dried up on the data sheet.* Record the beginning time. You and your partner should silently listen for chorusing frogs for 10 minutes. Make note of the species you think *you* hear.

- 1) Date = Survey dates should cover the chorus periods of all the frogs and toads on the data sheet for the most comprehensive analysis.
For example, once a month from March-July (or until the sites dry up) increases the likelihood of hearing more species.
- 2) Total Time = Total time at site beyond your 10 minute survey time. Do not report travel time to and from Midewin, only time on Midewin property.
- 3) Beginning Time = This is strictly the beginning time of the 10 minute survey period. We assume the end time is 10 minutes later.
RECORD ONLY WHAT YOU HEAR IN THIS 10 MINUTE PERIOD. YOU MAY MAKE NOTES OF OTHERS OUTSIDE OF THIS PERIOD.
- 4) To quantify your observations use the following “call index.” Record these values on in the appropriate column.
 - 0 = No frogs of this species heard.
 - 1 = Individuals can be counted; there is space between calls
 - 2 = Calls of individuals can be distinguished but there is some overlapping of calls
 - 3 = Full chorus, calls are constant, continuous and overlapping
- 5) Beaufort Wind Code
 - 0 = Calm (<1 mph) Smoke rises vertically
 - 1 = Light Air (1-3 mph) smoke drifts, weather vane inactive
 - 2 = Light Breeze (4-7 mph) leaves rustle, can feel wind on face
 - 3 = Gentle Breeze (8-12 mph) leaves and twigs move around, small flags extend
 - 4 = Moderate Breeze (13-18 mph) moves thin branches, raises loose papers **DO NOT CONDUCT SURVEY**
 - 5 = Fresh Breeze (19 mph or greater) small trees begin to sway **DO NOT CONDUCT SURVEY**
- 6) Sky Codes
 - 0 = Few clouds
 - 1 = Partly cloudy (scattered) or variable sky
 - 2 = Cloudy or overcast
 - 4 = Fog or smoke
 - 5 = Drizzle or light rain (not affecting hearing ability)
 - 7 = Snow
 - 8 = Showers (is affecting hearing ability) **DO NOT CONDUCT SURVEY**
- 7) Noise Index
 - 0 = No appreciable effect (e.g. owl calling)
 - 1 = Slightly affecting sampling (e.g. distant traffic, dog barking, one cat passing)
 - 2 = Moderately affecting (e.g. nearby traffic, 2-5 cars passing)
 - 3 = Seriously affecting sampling (e.g. continuous traffic, 6-10 cars passing **DO NOT CONDUCT SURVEY**)
 - 4 = Profoundly affecting sampling (e.g. continuous traffic passing, construction noise) **DO NOT CONDUCT SURVEY**